



CURRICULUM VITAE

Date personale:

Nume, Prenume: MOICA Sorina

Titlu academic: Șef Lucrări dr. ing.

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Domenii de interes (maximum 5 domenii, direcții):

Inovare și transfer tehnologic

Optimizarea procesului de producție

Managementul Calității

Industria 4.0

Controlul și planificarea producției

Activitate de cercetare:

1. Proiecte de cercetare (maximum 3 proiecte)

Director de proiect - Contracte de cercetare SC IRUM SA: Optimizarea procesului de productie la SC IRUM SA, Contract nr. 4853/15.12.2015

PN-III-P1-1.1-MCT-2016-0042/contract nr. 13/01.11.2016, Studiul biocompatibilității acoperirilor nanostructurate pe baza de TiO₂, folosite pentru îmbunătățirea osteointegrării implanturilor biomedicale - NanoBio Comp

2024 - 2026 Reponsabil instituțional UMFST pentru proiectul Erasmus + SUCReD , 2023-2-PL01-KA220-HED-000185196, Scaling up the commercialization of R&D



2. Lucrări publicate in extenso (maximum 5 lucrări)

KOTROTSOS, ATHANASIOS; SYRMPOPOULOS, N ; GAVATHAS, P; **MOICA, SORINA** [2] ; KOSTOPOULOS, V, *"Development of High-Sensitivity Thermoplastic Polyurethane/Single-Walled Carbon Nanotube Strain Sensors through Solution Electrospinning Process Technique"; JOURNAL OF COMPOSITES SCIENCE, Volume 8, Issue 6, DOI 10.3390/jcs8060213, JUN 2024 IF 2023:3, Q2*

SORINA. MOICA, A. GHERENDI, C. VERES AND T. MOICA, *"The Integration of the Blended Learning Concept into Employee Training as a Factor in Shifting Mentalities towards the Industry 4.0 Approach,"* 2019 8th International Conference on Industrial Technology and Management (ICITM), 2019, pp. 236-240, doi: 10.1109/ICITM.2019.8710705 **IEEE**

SORINA MOICA ; JAIONE GANZARAIN ; DORLETA IBARRA ; PETI FERENCZ, „Change made in shop floor management to transform a conventional production system into an "Industry 4.0": Case studies in SME automotive production manufacturing”, 2018 7th International Conference on Industrial Technology and Management, Volumul 7, ISSN 978-1-5386-1329-0, p 51-56 **IEEE Xplore**

SORINA MOICA, C. VERES (HAREA), L. MARIAN, *Effects of suggestion system on continuous improvement: a case study*, International Conference on Industrial Engineering and Engineering Management (IEEM), <https://ieeexplore.ieee.org/document/8607804>, 2018, pp. 592-596, doi: 10.1109/IEEM.2018.8607804.

SORINA MOICA, GANZARAIN JAIONE., „The Delphi method applied for validates the Regional Innovation Model. Case study applied in Central Region Romania”, 7th International Conference on Industrial Engineering and Industrial Management, Valladolid, Spania, 2013 (p.102-110)